

L4 ANSWER 15 OF 27 CA COPYRIGHT 2005 ACS on STN
AN 81:54118 CA
ED Entered STN: 12 May 1984
TI Treating waste waters containing fatty acids of their salts with cement of calcium carbonate
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PA Kao Soap Co., Ltd.
SO Jpn. Kokai Tokkyo Koho, 2 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
INCL 91C91; 13(9)F2
CC 60-2 (Sewage and Wastes)
Section cross-reference(s): 46, 58
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---------------|------|----------|-----------------|----------|
| PI | JP 49023450 | A2 | 19740301 | JP 1972-63904 | 19720626 |
| PRAI | JP 1972-63904 | A | 19720626 | | |

CLASS

| | PATENT NO. | CLASS | PATENT FAMILY CLASSIFICATION CODES |
|--|-------------|-------|------------------------------------|
| | JP 49023450 | INCL | 91C91; 13(9)F2 |

AB A waste water containing RCO₂M (where R is a saturated or unsatd. C10-20 alkyl, and M is an alkali metal, H, or NH₄) is treated with cement and(or) CaCO₃. Thus, worn white shirts (20 kg) were washed with 50 l. water in which 160 g of Na stearate soap was added. Washing was carried out in a rotary drum washer at 60° for 15 min. The waste water (COD 1660 ppm) was mixed with 1% portland cement, and filtered. The filtrate contained soap 69 ppm and COD 1260 ppm.

ST soap wastewater treatment cement; calcium carbonate treatment wastewater; sodium stearate soap wastewater treatment; fatty acid wastewater treatment

IT Soaps